

Laccase, Trametes versicolor

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description

Laccase, Trametes versicolor (EC 1.10.3.2), is a blue copper oxidase that reduces molecular oxygen to water. It can oxidize polyphenols, methoxy-substituted phenolic compounds, and diamines, but not tyrosine. The oxidation reactions mediated by laccase involve single-electron transfers, generating free radicals.

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